

## INTERNATIONAL SEARCH REPORT

International Application No.

P 02/00268

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/44 H04L29/12 H04L12/64 H04L12/56 H04L12/46

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 359 222 A (3COM CORP) 15 August 2001 (2001-08-15) page 3, line 24 -page 4, line 8 page 4, line 29 -page 5, line 26 ---	1-5, 9, 10
A	WO 01 08360 A (BROADCOM CORP ;KADAMBI SHIRI (US); AMBE SHEKHAR (US); KALKUNTE MOH) 1 February 2001 (2001-02-01) abstract page 30, line 7 - line 27 page 31, line 7 - line 30 ---	1-5, 9, 10
A	US 2002/054589 A1 (GAINER JAMES JOSEPH ET AL) 9 May 2002 (2002-05-09) paragraph '0016! paragraph '0028! - paragraph '0030! paragraph '0039! -----	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

12 June 2003

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20/06/2003

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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WO 0108360	A	01-02-2001	AU 6198900 A	13-02-2001
			EP 1197045 A1	17-04-2002
			WO 0108360 A1	01-02-2001
			US 2002186705 A1	12-12-2002
			US 6430188 B1	06-08-2002
US 2002054589	A1	09-05-2002	US 6353609 B1	05-03-2002
			AU 4582199 A	05-01-2000
			BR 9911360 A	13-11-2001
			CA 2334927 A1	23-12-1999
			EP 1088431 A2	04-04-2001
			WO 9966759 A2	23-12-1999